

REMARKS

Claims 24 through 46 are pending and stand rejected. Claims 30, and 32 through 42 are cancelled without prejudice. Claims 24, 28, 31, and 43 are amended herein. Claims 25 through 27 depend on amended claim 24. Claims 45 and 46 depend on amended claim 43. New claims 47 through 60 are added. Applicants claim the benefit of the earlier filing date of the parent application (09/536,953, issued at US Pat. No. 6,333,700) as support for the claims is found therein in at least col. 9, lines 13 through 30, and col. 5, lines 54 through 61.

Applicants note that while US Pat. No. 6,443,228 (Aronstram et al.) discloses programming a device at the surface with specific information (col. 5, lines 60-64) and writing data to a device downhole (col. 6, lines 7 through 10) it does not teach or suggest reprogramming a device downhole. US. Pat. No. 6,333,699 (Zierolf) does not teach the elements of writing information to or reprogramming a device downhole. Neither cited reference suggests a method of communicating comprising first downhole structure adapted to operate in a first fluid density and a second downhole structure adapted to operate in a second fluid density.

It is submitted that the claims now pending in this application are allowable. Applicants respectfully request reconsideration of the application and claims and its early allowance. If the Examiner believes that the prosecution of the application would be facilitated by a telephone interview, Applicants invite the Examiner to contact the undersigned at 281-285-4791. The Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account 04-1579 (56.0546CIP).

Respectfully submitted,

Date: 20-OCT-2004



Robin Nava
Reg. No. 42,926
Attorney for the Applicant

Schlumberger Technology Corporation
555 Industrial Boulevard
Sugar Land, Texas 77478-2889
281-285-4791
281-285-7056 (fax)
Rnava@SLB.com